Colorful Life. Colorful PC.

STANDOUT FROM THE CROWD

Choose from eye-catching colors and subtly patterned lids to attractive, neutral tones that look truly unique. The EA series laptop is artistically designed to help you creatively express your unique sense of style like no other PC can.

POWERFUL PERFORMANCE

The Intel® Core™ i3 Processor puts smart performance well within your reach. It delivers solid performance for everyday applications, with the ability to increase speed as needed for demanding tasks thanks to new Intel® Turbo Boost Technology[17]. It automatically adapts to whatever you are doing on your PC, dialing up speed to respond quickly to your needs. It's smart performance with a speed boost.

It also features Intel® Hyper-Threading Technology[18] which enables each core of your processor to work on two tasks at the same time, delivering the performance you need for smart multitasking. Get smart performance now.

HARDWARE BUTTONS

The VAIO® EA series laptop also comes with three special hardware buttons: VAIO, ASSIST and WEB that gets you to where you want to go with a touch of a button.

•One touch access to the web without full boot up into Windows® with WEB button.[3]

•Pressthe VAIO® button to launch Media Gallery and create movies, and enjoy photos and music in a whole new way.

•ASSIST button links directly to VAIO Care™ Software that helps maintain and troubleshoot any PC issues for optimal performance.

THE WIRELESS WAY TO ENJOY PC CONTENT ON A BIG SCREEN

Now it's easy to wirelessly stream content to your HDTV with the Intel® Wireless Display[16] enabled EA Series laptop. Sit back and experience your favorite online TV shows and movies from the comfort of your couch. Access music and photos from your hard drive or home network and immediately send it wirelessly to the biggest screen in your home. With integrated Intel® Wireless Display technology, searching for cables and stringing them across your living room is a thing of the past.

Enjoy performance and multimedia entertainment in an affordable 14" [4] widescreen laptop. Add to that an Intel® Core™ i3 processor, loads of RAM and amazing picture quality; you'll have everything you need in one sleek package.

VPCEA33FDB

VAIO - Notebook EA

Specifications

General

Computer Type: Laptop

Action Buttons: VAIO, ASSIST, WEB, Wireless on / off

Pointing Device: Electro-static touchpad (Multi-Finger)

Hardware

Keyboard: QWERTY, 86 keys with 2.0mm stroke and 19.05mm pitch - Bilingual (English/French)

Camera: Built-in MOTION EYE® camera and microphone with face-tracking technology

Processor

Type: Intel® Core™ i3 - 370M

Speed: 2.40GHz[1]

L3 Cache: 3MB

Memory

Installed: 4GB (2GBx2)

Maximum: 8GB

Type/Speed: DDR3/1066MHz

Hard Drive

Capacity: 500GB[2]

Speed: 5400rpm

Type: Serial ATA

Optical Drive

CD Support: Read / Write (CD/-R/-RW)

DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ (STD / Duo) media slot with MagicGate® functionality
One ExpressCard® /34 media slot
One Secure Digital (SD memory card) media slot

Audio

Sound System: Intel® High Definition Audio

Display

Screen Size: 14"[4]

Resolution: 1366 x 768

Back Light Technology: LED

Graphics

Processor: Intel® HD Graphics

Inputs and Outputs

Headphone Jack: 1

Microphone Input: 1

USB Port(s): 4 USB (one shared with eSATA)

VGA Output(s): 1

DC-In: 1

Ethernet Connection (s): 1

HDMI™ Output: 1

Internal Microphone: 1

Power

Battery Type: Standard Capacity Lithium-ion Battery

DVD Playback: Up to 2.5 hours[7] Standard Capacity Battery

Default Brightness: Up to 3.5 hours[7] Standard Capacity Battery
Up to 5 hours[7] Large Capacity Battery

Maximum Brightness: Up to 3 hours[7] Standard Capacity Battery
Up to 4.5 hours[7] Large Capacity Battery

Start-up Times

Average Boot Time: 60 sec[13]

Average Resume Time from Suspend: 2 sec[13]

First Boot Time: 5 min[14]

Wireless/Networking

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T

Ethernet Speed: Fast Ethernet (RJ-45)

Wi-Fi: Intel® Centrino® Advanced-N 6200 (802.11a/b/g/n)

Bluetooth® Technology: Integrated Stereo A2DP (2.1 + EDR) [15]

Wireless Display: Intel® Wireless Display[16]

Software

Operating System: Genuine Microsoft® Windows® 7 Home Premium 64-bit - Bilingual (English/French)[11]

Supplied Software: Microsoft® Office 2010 Starter[10]

System Maintenance and Support: VAIO Care™ - System diagnostics and maintenance

Sony® Creativity Suite: PMB – VAIO® Edition - Import, organize, edit and publish in one easy-to-use program
VAIO® Media Gallery - Bring forgotten favorites to life
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.

Service and Warranty Information

Telephone Support: 1 Year.[8]
Limited Warranty Term: 1 Year

Environmental Information

EPEAT™ : Gold

RoHS®: Compliant

ENERGY STAR®: 5.0

Dimensions

Weight: 5.2 lbs (with standard capacity battery)

Measurements: 13.60"(W) x 1.07"(H) x 9.39"(D)[5]

Supplied Accessories

Standard Capacity Lithium-ion Battery (3500mAh)

AC Adapter

Power Cord

Optional Accessories

Stick AC Adapter (VGP-AC19V30)

Large Capacity Battery (VGP-BPS22A)

Reversible Carrying Case (VGP-AMC9)

Color: Glossy Black

1. GHz denotes microprocessor internal clock speed and may vary.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires a compatible 802.11 access point (802.11n recommended) and internet connection.
4. Viewable area measured diagonally.
5. Measured at the narrowest point
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Rating based upon laboratory testing. Actual performance varies based on settings, environmental conditions, and usage. Battery capacity decreases over time and use.
8. See actual limited warranty for details.
9. Broadband Internet service required along with third party services which may require a subscription or other service fee.
10. Includes Microsoft® Office 2010 preloaded. Purchase a Product Key to activate a full Microsoft Office 2010 suite.
11. Compatibility and performance in a 64-bit environment may vary.
12. Requires high definition-capable display with HDMI™ connector. Image quality will vary.
13. Based on original factory image and will vary with product configuration changes and additional software added to the hard drive.
14. Excluding end user interaction
15. Interoperability and compatibility among Bluetooth® devices vary.
16. Intel® Wireless Display requires the NETGEAR® PTV1000 Push2TV Wireless TV Adapter (sold separately) and TV with HDMI™ or Composite AV input. Content requiring output protection (Blu-ray Disc™ and DVD movie playback) is not supported. 720p (max.) output. Image quality may vary.
17. Intel® Turbo Boost Technology requires a PC with a processor with Intel Turbo Boost Technology capability. Intel Turbo Boost Technology performance varies depending on hardware, software and overall system configuration.
18. Intel® Hyper-Threading Technology (Intel® HT Technology) requires a computer system with a processor supporting Intel HT Technology and an Intel HT Technology-enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use.

Computer Interface: For this product, there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice. Non-metric weights and measures are approximate and may vary.

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